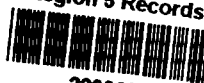


## TRANSMIT CONFIRMATION REPORT

*W. J. [Signature]*

NO.	:	006
RECEIVED	:	714 715 3750
TRANSMITTER	:	USEPA/Superfund
DATE	:	MAY 11/01 13:01
DURATION	:	01:20
MODE	:	STD
PAGES	:	02
RESULT	:	OK

EPA Region 5 Records Ctr.



229963



United States Environmental Protection Agency

Region 5

77 West Jackson

Chicago, Illinois 60604

Superfund Division

Remedial Response Branch #2

Facsimile: 312-886-4071



**TO: Robert D. Breakwell, P.G.  
Project Manager**

**Earth Sciences Consultants, Inc.**

**One Triangle Lane, Export, PA 15632**

**Re: FANSTEEL EE/CA**

Office phone: (724) 733-3000

Machine No: (724) 325-3352

From: John J. O'Grady  
Remedial Project Manager

Office phone: (312) 886-1477

Office code: SR-6J

Date: May 21, 2001

Number of pages,  
including cover:

2

MESSAGE: Mr. Breakwell.

The Fansteel EE/CA Quality Assurance Project Plan (QAPP) is currently under review.

Please submit the Great Lakes Analytical (GLA) method equivalent to the USEPA Method 8260. Please submit two copies of this method to my attention, on three-hole punched paper for inclusion in the current Site QAPP, previously submitted by Earth Sciences. The GLA method equivalent for USEPA Method 6010 was been submitted with the QAPP.

If you have any questions, please contact me at your earliest convenience.

Signature:

E-Mail: [ogrady.johnj@epa.gov](mailto:ogrady.johnj@epa.gov)

**Table 3**  
**Site Investigation Sampling Summary**  
**Fansteel Inc.**  
**North Chicago, Illinois**

Matrix	Parameter	Analytical Method	Sample Collection Points	Minimum Number Samples	Number of Field Duplicates	MS/MSD Samples	Number/Type of Sample Containers	Preservation Method	Holding Time	Field Parameters
Groundwater	VOCs	USEPA 8260	43 (9 Monitoring Wells and 34 Geoprobe® Borings)	43	4	2	3 Glass 40-ml Vials	Cool, HCl	14 days	pH, Specific Conductance, Temperature, Dissolved Oxygen, ORP, Turbidity (Visual) Monitoring Wells Only
	Total and Dissolved Metals (Pb, Cd, and Ta)	USEPA 6010					2 Plastic 500-ml Bottles	Cool, HNO <sub>3</sub>	6 months	
Soil (Chemical Analyses)	TOC	ASTM D 2974-87	5 with 2 samples per point.	10	1	0	1 Glass 8-oz. Jar Per Sample for All Parameters	Cool	14 days	Boring Log, PID Scan, Lithologic Classifications, Visual and Olfactory Screening for Staining and Odor
	Moisture Content	USEPA SW-846							14 days	
	Cation Exchange Capacity	ASA/ASSA							6 months	
Soil (Geotechnical Analyses)	Permeability (Includes Moist and Dry Bulk Density and Moisture Content)	ASTM D 5084	5 with 2 samples per point.	10	0	0	Standard 3-Foot Shelby Tube	Seal both ends of Shelby tube with wax covered by plastic caps immediately following collection.	90 days	
	Specific Gravity	ASTM D 854								
	Grain-Size Analysis	ASTM D 422								
	Atterberg Limits	ASTM D 4318								
Groundwater Equipment Blanks	VOCs	USEPA 8260	Distilled water poured over decontaminated sampling instruments (e.g., bailer).	1 sample per every 20 submitted for analyses	NA	NA	3 Glass 40-ml Vials	Cool, HCl	14 days	NA
	Total and Dissolved Metals (Pb, Cd, and Ta)	USEPA 6010					2 Plastic 500-ml Bottles	Cool, HNO <sub>3</sub>	6 months	
Groundwater Field Blanks	VOCs	USEPA 8260	Distilled water poured into new laboratory containers in work area.	1 sample per day for each parameter collected will be analyzed.	NA	NA	3 Glass 40-ml Vials	Cool, HCl	14 days	NA
	Total and Dissolved Metals (Pb, Cd, and Ta)	USEPA 6010					2 Plastic 500-ml Bottles	Cool, HNO <sub>3</sub>	6 months	
Groundwater Trip Blanks	VOCs	USEPA 8260	Prepared by analytical laboratory using deionized water.	1 sample per sample shipment	NA	NA	3 Glass 40-ml Vials	Cool, HCl	14 days	NA
Soil Equipment Blanks	TOC	ASTM D 2974-87	Distilled water poured over decontaminated sampling equipment (e.g., compositing bucket)	1 sample per every 20 submitted for analyses.	NA	NA	1 Glass 8-oz. Jar	Cool	14 days	NA
Soil Field Blanks	Groundwater field blanks will also serve for soil samples.									
Soil Trip Blanks	Groundwater trip blanks will also serve for soil samples.									